

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 09035073 A

(43) Date of publication of application: 07.02.1997

(51) Int. Cl. G06T 11/00
B41J 5/30, G06F 3/12

(21) Application number: 07178696
(22) Date of filing: 14.07.1995

(71) Applicant: CANON INC
(72) Inventor: SHIMADA MUNETAKE

(54) PRINTER

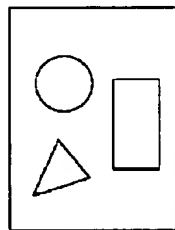
(57) Abstract:

PROBLEM TO BE SOLVED: To consider drawing areas of respective objects on a page without depending upon band width and obtain high efficiency by deciding the overlap between the drawing areas and performing a prerendering process as to areas which closely overlap with each other.

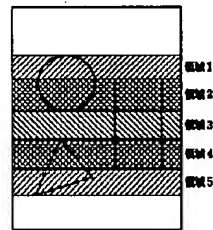
SOLUTION: The upper limit and lower limit of the vertical drawing area of each object are checked and drawing prediction times are accumulated in units of overlaps of the areas of the respective objects. Consequently, the drawing areas of the page are divided into five (b). Then the values obtained by allocating the drawing prediction times of the respective objects in proportion to the area heights are given to the drawing

areas (areas 1-5). When the drawing prediction time of one area exceeds the drawing time of an engine for the area height, it is decided that the area can not be drawn in real time at the time of shipping and prerendering is performed. Thus, the areas are determined without depending upon a band and the complicated drawing area can accurately be found without depending upon the band.

COPYRIGHT: (C)1997,JPO



a



b